

Docket No. 0660-0139-0X PCT

IN RE APPLICATION OF: Shirley LONGACRE-ANDRE et al

SERIAL NO: 09/125,031

FILED: March 10, 1999

FOR: RECOMBINANT PROTEIN CONTAINING A C-TERMINAL FRAGMENT OF PLASMODIUM MSB-1

ASSISTANT COMMISSIONER FOR PATENTS

WASHINGTON, D.C. 20231

SIR:

Transmitted herewith is an amendment in the above-identified application.

- ☒ No additional fee is required
- ☐ Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed.
- ☒ Additional documents filed herewith: Marked-up copy; Attachment to response as mentioned

The Fee has been calculated as shown below:

CLAIMS	CLAIMS REMAINING		HIGHEST NUMBER PREVIOUSLY PAID	NO. EXTRA CLAIMS	RATE	CALCULATIONS
TOTAL	21	MINUS	21	0	× \$18 =	\$0.00
INDEPENDENT	5	MINUS	5	0	× \$84 =	\$0.00
		<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS			+ \$280 =	\$0.00
		TOTAL OF ABOVE CALCULATIONS				\$0.00
		<input type="checkbox"/> Reduction by 50% for filing by Small Entity				\$0.00
		<input type="checkbox"/> Recordation of Assignment			+ \$40 =	\$0.00
		TOTAL				\$0.00

- ☐ A check in the amount of _____ is attached.
- ☒ Please charge any additional Fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.
- ☒ If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

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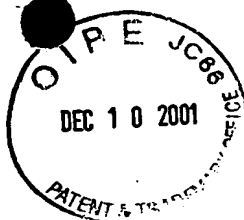
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0660-0139-0X PCT



IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF :

SHIRLEY LONGACRE-ANDRE ET AL : EXAMINER: GRUN

SERIAL NO: 09/125,031 :

FILED: MARCH 10, 1999 : GROUP ART UNIT: 1641

FOR: RECOMBINANT PROTEIN :
CONTAINING A C-TERMINAL
FRAGMENT OF PLASMODIUM
MSP-1

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AMENDMENT AND REQUEST FOR RECONSIDERATION

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

In response to the Official Action dated September 10, 2001 (Paper No. 23),
Applicants respectfully request reconsideration in light of the following amendments and
remarks.

IN THE CLAIMS

Please amend the claims as shown in the attached marked-up copy to read as follows:

46. (Twice Amended) A baculovirus vector comprising a promoter, a synthetic
polynucleotide encoding a 19 kilodalton C-terminal fragment of a *Plasmodium falciparum*
merozoite surface protein 1 (MSP-1), wherein said synthetic polynucleotide has a GC content
of 40 % to 60% and a polynucleotide encoding a signal peptide of a *Plasmodium* MSP-1
protein.

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